



Stantec

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July 24, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit
Bracken County E-911
207 Madison St / PO Box 268
Brooksville, KY 41004**

The Geospatial Audit of Bracken County E-911 located in Bracken County was conducted on 6/24/2008. Bracken County E-911 provides wireless 9-1-1 service for Bracken County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by Bracken County E-911 does not meet this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 95% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 0% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Does not meet audit criteria</u>
Field Data Component	<u>Meets audit criteria with</u> 95% of points tested meeting criteria
Wireless Data Component	<u>Does not meet audit criteria with</u> 0% of calls tested meeting criteria

Based on the results of the audit, Bracken County E-911 does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
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Attachment: Report Details

c. Files

j:\2008proj\lv2008008_cmrs\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Bracken County E-911

Address 207 Madison St / PO Box 268

Audit Date 6/24/2008

City Brooksville

Audit Personnel MCCORMICK

Contact Anthony Mains

Contact Title CoOrdinator / Chief Dispatcher

Software	Version	Vendor
GEO SYNC	3.2.56	MAP SYNC

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☒ Type of 'other' layers used by PSAP:

Helipad locations, cell towers, surrounding county roads,
gas lines, buildings

Notes and Observations:

Observations and comments: (1) The PSAP has no printer other than the ALI printed and can not print - we were told only after we had arrived at the PSAP.(2) the PSAP does not have CAD. (3) ALI data - Lat/Long must be manually entered in to the map to get the location to plot. (4) Anthony Mains told Auditor that it was not a requirement to auto plot when the PSAP was certified. It is his understanding that auto plot was a recent requirement that came into effect about one year ago. (5) Since the PSAP had no printer there is no back up documentation only visual verification.

The was last update within the last six months, the frequency for updates is usually twice a year. The information is supplied by the county surveyor. The data is installed by Map Sync.

The data form the map and the wireless calls were obtained by Anthony Mains.